



Packet No. 80395-241

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	:	Customer Number: 20277
Tsuneo NAKAHARA	:	Confirmation Number: 2944
Serial No.: 10/730,052	:	Group Art Unit: 2874
Filed: December 09, 2003	:	Examiner:
For: OPTICAL WAVEGUIDE INCORPORATING SUBMEDIA	:	

INFORMATION DISCLOSURE STATEMENT

Mail Stop IDS
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

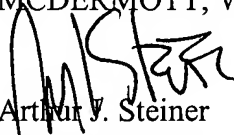
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Serial No.: 10/730,052

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Respectfully submitted,

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INFORMATION DISCLOSURE CITATION IN AN APPLICATION



(PTO-1449)

ATTY. DOCKET NO.
50395-241SERIAL NO.
10730,052APPLICANT
Tsuneo NAKAHARAFILING DATE
December 09, 2003GROUP
2874

U.S. PATENT DOCUMENTS

AMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US 4,319,905	03/16/1982	Macedo et al.	
		US 4,313,748	02/02/1982	Macedo et al.	
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FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes - Number 4 - Kind Codes (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation	
						Yes	No
		JP 2001-201648 A	07/27/2001	SUMITOMO ELECTRIC IN LTD		JAPAN (w/English Abstract)	
		JP 2001-272569	10/05/2001				
		JP 2000-35521 A	02/02/2000	NIPPON TELEGR & TELEPH CORP <NTT>		JAPAN (w/English Abstract)	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		SUGI, M., et al. "O-Guide and X-Guide: An Advanced Surface Wave Transmission Concept." IRE Transactions on Microwave Theory and Techniques, pp.5
		KATAYAMA, M., et al, " "Optical Materials, Fabrication, and Characterization: CWF31: X-ray written optical waveguides in germanosilicate glasses." CLEO '98, Conference on Lasers and Electro-Optics, May 3-8, 1998, CWF31, pp.3 Total
		Chemical Society of Japan, Autumnal Convention, September 20-23, 2001, 2P5A-09 (Prior Art cited in the specification and English Translation thereof)
		1995 Autumn The Japan Society of Applied Physics Annual meeting, August 26-29, 1995, 16p-P13-5 published on August 26, 1995, and English Translation thereof.
		Optics Japan 1998, September 18-19, 1998, 18p1A01 published on September 18, 1998 by JST

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.